

# MTHFD1 Rabbit pAb

货号: **AYP15327**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:200 - 1:2000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	101kDa
实测分子量	115kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Raji,LO2,Mouse brain,Mouse kidney,Rat spinal cord
细胞定位	Cytoplasm
纯化	Affinity purification

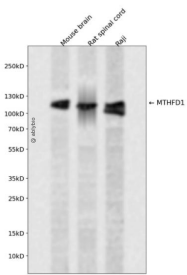
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human MTHFD 1 (NP_005947.3).
序列	MAPAEILNGKEISAQIRARLKNQVTQLKEQVPGFTPLAILQVGNRDDSPLYINVKLKAAEEIGIKATHIKLPRTTTESEVMKYI TSLNEDSTVHGFLVQLPLDSENSINTEEVINAIAPKDVDGLTSINAGKLARGDLNDCFIPCTPKGCLELIKETGVPIAGRHAV VVGRSKIVGAPMHDLLLWNNATVTTCHSKTAHLDEEVNKGDILVVATGQPEMVKGEWIKGAIVIDCGINYVPDDKKNP RKVVGDVAYDEAKERASFITP

## 靶点信息

研究背景	This gene encodes a protein that possesses three distinct enzymatic activities, 5,10-methylenetetrahydrofolate dehydrogenase, 5,10-methenyltetrahydrofolate cyclohydrolase and 10-formyltetrahydrofolate synthetase. Each of these activities catalyzes one of three sequential reactions in the interconversion of 1-carbon derivatives of tetrahydrofolate, which are substrates for methionine, thymidylate, and de novo purine syntheses. The trifunctional enzymatic activities are conferred by two major domains, an aminoterminal portion containing the dehydrogenase and cyclohydrolase activities and a larger synthetase domain.
基因ID	4522
基因名	MTHFD1
Swiss	P11586
别名	MTHFD1;MTHFC;MTHFD

## 产品验证



Western blot analysis of MTHFD1 expressed in Mouse brain,Rat spinal cord,Raji using MTHFD1 Rabbit p Ab at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120 S.

## 实验步骤

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